G. R. S. 59]

GPB—15,000—20-12-13

GENERAL AND REVENUE SECRETARIAT.

1911
(Gen Misc) P 3?

File No. 294 - 11

Serial Nos. 1 - 16

Papers Filed.

Month Aug. 12.

SUBJECT.

Invention for "Improved process for the recovery of Gold & Silver from Antimonial Arsenical & other gold bearing ores" by Mr. James Gilchrist of Australia.

PREVIOUS REFERENCES.	LATER REFERENCES.

Manjrekar

4879

G.R.S. 11] 191/–12

GENERAL AND REVENUE SECRETARIAT.

(Gen : mis)

NOTES.

Gm File No. 294 4/12

FILE HEADING.

Invention for "Improved process for the recovery of gold and silver from antimonial, arsenical and other gold bearing ores" by Mr. James Gibsham of No 57, Wilson Street, Moonee Ponds, in the State of Victoria, Commonwealth of Australia, metallurgist

From

Messrs De Penning De Penning, 5, Commercial Buildings, Calcutta.

No. 123 Dated 6. 5. 12 Received 10 5. 12

Diary No. 4879	Enclos. 3	Spare Copies. — /	Serial No. /

BRIEF ABSTRACT OF LETTER.

Forwards application for leave to file a specification of the above invention, & forwards Rs 10/- as fee thereon.

NOTES AND ORDERS.

The appl^n fee of Rs 10/- has been received. The Power of Attorney constituting Messrs De Penning De Penning as Agents has been impressed with a Mysore Stamp of the value of Rs 5/-.

The usual drafts are subd

15.5.12 VS. 41

Issue

17.5.12

NOTES—First Sheet.

GPB—30,000—12-8-11

G. R. S. 12]

General and Revenue Secretariat.

G. M File No. 294 of 1911-12

5515

D 5115

Serial No.	
2	To the Dy Comr, Ky Dept, Bangalore, No C. 6299 of 25.5.12 — Forwards the sum of Rs 10/- received with the above
3	To the State Geologist. No C. 6300 of 25.5.12 — Forwards for report the application received with Sl 1.
4	From the D.C. Ky Dept, Bangalore. No. 203 of 27.5.12 Acknowledges the receipt of the amount forwarded with Sl 2. The State Geologist's report may be awaited. Subd 31.5.12 30.5.12 Yes
5	From the State Geologist - No. 2416 of 19.6.12. With regd to Sl 3, reports that the invention is novel and is clearly described and that the applⁿ may be granted. Draft subd 21.6.12 Issue 24.6.12
6	To Mr James Gibbons No. G6837 of 27.6.12. Authorizes him to file the specification refd to in Sl 1.
7	To Messrs de Penning & de Penning, Calcutta No G6838 of 27.6.12. - Forwards the above for delivery to the party concerned

515

Note be taken &c

NOTE--Contn. sheet.

G. R. S. 12]
General and Revenue Secretariat.

GM File No. 294 of 1911

9541

Serial No.	
8	From Messrs de Penning & de Penning, Calcutta. No. 202 dy 22. 7. 12 Forwards Sl 6 (S.O.) and Rs 30/- and requests that the specification may be pled & the S.O. returned. The prescribed fee has been received and in time. The usual drafts are subd. The certificate at the 30.7.12 foot of the S.O. (both in draft and fair) requires signature. VS. 1.8
	Issue 30.7.12
9.	To the Compltr, Mysore Gazette, No. G. 660 dy 3.8.12 — Notifies the filing of the Specification reqd &
10.	To Messrs. de Penning & de Penning, Calcutta, No. G. 661 dy 3.8.12 — With reference to Sl 8, forwards a Copy of the above Notfn, returns the Deed (Sl 6) with the Certificate at foot duly filled up & signed.
11.	To the DC, Ity Dept, Bangalore, No. G. 662 dy 3.8.12 — Intg Rs 30/- received with Sl 8 & requests acknowledgment.
12	To the Supdt Govt Museum, State Ecologist & Chief Engineer, No. G. 663-65 dy 3.8.12 — Intg for record in his office, a Copy of the Specification reqd &
13	From the D.C. Ity Dept. No. 37 dy 7.8.12. Acknowledges the receipt of the amount forwarded with Sl 11.

NOTE—Contn. sheet.

GPB—50,000—12-8-10

R. S. 12]

General and Revenue Secretariat.

Gm File No. 294 of 191/

2765
D 993

Serial No.	
	Replies from the offrs. refd to in sl 12 may be awaited. VS. 41 Subd 9/8/99 9.8.12 — 9.8.12
14	From the State Geologist. No. 357 dt 8. 8. 12. Acknowledgs the receipt of the specimens forwarded with sl 12.
15	From the Supdt, Govt Museum. No. 42 dt 6. 8. 12. do — do — do —
16	From the Chief Engineer. No. 6873 dt 16. 8. 12. do — do — do —
	The correce may now be filed. Subd. 9/8/99 21.8.12 VS. 41 — File 22.8.12

Rec'd 21-8

NOTE—Contn. sheet.

GPB—65,000—17-6-12.

EA

Fam. 10.5.12

/

5, Commercial Buildings

Calcutta.

6th May 1912

No. 123.

DIARY No. 4879

1911-1912
SECTION Gen: Mis
FILE No. 294 of 1911-12
SERIAL No. 1

To

The Secretary

To H. H. The Maharaja of Mysore

General & Revenue Department

Bangalore

Sir,

We have the honour to forward herewith an application for a patent in Mysore from JAMES GITSHAM, of No 57 Wilson Street, Moonee Ponds, in the State of Victoria, Commonwealth of Australia, Metallurgist, for "IMPROVED PROCESS FOR THE RECOVERY OF GOLD AND SILVER FROM ANTIMONIAL? ARSENICAL, AND OTHER GOLD BEARING ORES"

We also forward the fee thereon of Rs 10/- and shall feel obliged by the orders passed on the application being sent to us in due course.

We have the honour to be

Sir,

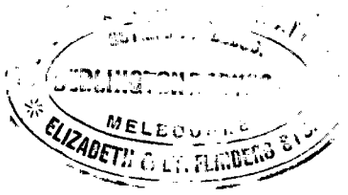
Your most obedient servants

Drewing & Drewing

5 Rupees.

2

Mysore.



Jobs stamped here.

POWER OF ATTORNEY.

mrl 3/5/1912

In the matter of the Mysore Inventions and Designs Regulation 1894, and in the matter of James Gitsham of No. 57 Wilson Street, Moonee Ponds, in the State of Victoria, Commonwealth of Australia, Metallurgist, an _____ inventor

I the abovenamed Applicant, do hereby retain constitute and appoint Lionel Alfred Debenning and Harold A. Debenning constituting the firm of Debenning & Debenning, Patent Agents, 5 Commercial Buildings, Calcutta. as my Agents and Attorneys to apply for and obtain from the Government of Mysore an Exclusive Privilege for "Improved process for the recovery of gold and silver from antimonial, arsenical and other gold bearing ores"

and to maintain the same in force and I authorise them or either of them to sign my name to such papers and writings, and to do such acts, including substitution or revocation, as may be necessary or expedient and lastly request that all official communications now or hereafter relating to the same may be addressed to them at their office in Calcutta and that they be recognized as my authorised Agents in all proceedings incidental thereto.

Dated this 10th day of April, 1912.

Signed, Sealed and Delivered at Melbourne in the State Victoria --------

James Gitsham

in the presence of

1. Martha Lewis, Melbourne, Typist.
2. W.J.S. Thompson Clerk, Melbourne

To

The Dewan of Mysore.

The application of James Gitsham of No 57 Wilson Street, Moonee Ponds, in the State of Victoria, Commonwealth of Australia, Metallurgist for leave to file a specification under Part I of the Mysore Inventions and Designs Regulation 1894.

The applicant has acquired an exclusive privilege in British India No 351 dated and sealed as of the 23rd day of June and actually sealed on the 22nd August 1911, for Improved process for the recovery of gold and silver from antimonial, arsenical, and other gold bearing ores ".

To the best of the information and belief of the applicant the invention is new within the meaning of Part I of the Mysore Inventions and Designs Regulation 1894, and no circumstance exists which if the applicant is authorized to file a Specification and files it in accordance with that Part will disentitle him to an exclusive privilege thereunder in respect of the invention,

The following is a description of the Invention :—

Patent Agents

T H I S invention consists of a process for recovering gold and silver from certain finely pulverised refractory gold and silver bearing ores containing say sulphide of copper, antimonial ores, sulphur or arsenic or a combination of such minerals or substances. The invention comprises the utilization of the selective action of hydrocyanic acid in dissolving the gold and silver contents of the pulverised ore under treatment, and further the process permits of the regeneration of cyanide from the solution employed.

The hydrocyanic acid above mentioned is the dissolving or selective agent and it is formed by a weak solution of cyanide combining with the acid contained in the ore. This combination has never before been commercially employed as the agent for dissolving gold and silver from the hereinbefore mentioned classes of ore. The said hydrocyanic acid combination is formed during the working of the process and hence it can successfully and economically treat complex or refractory ores of the class herein specified or other classes of ore which if treated by the cyanide or other gold and silver dissolving methods would be too costly to be commercially practicable.

The essential or active properties of this process are found in what is termed the 'Combination Test' which is as follows:- A water wash is put on the ore and allowed to percolate through it to remove the excess of acidity. This is repeatedly tested by the standard cyanide solution and the amount of acids in this solution is estimated by a standard solution of silver nitrate using a Potassium Iodide indicator.

When the consumption is regular or in other words when the water wash shows no increase of acidity the ore

is

is ready for treatment, the remaining acid in the ore combines with the cyanide and thus forms hydrocyanic - acid. This is the combination point and should show a very slight acid reaction.

When the ore is in a neutral or alkaline state a preliminary acid wash may be necessary to remove any - soluble alkaline substances and when the ore being treated does not contain the necessary ingredients to produce -- hydrocyanic acid then sulphuric acid is added in the proportion of 100 parts of sulphuric acid to 131 parts of - cyanide of potassium. These proportions will be varied to suit the class of ore being treated as it is necessary to maintain the acid proportions slightly in excess of - the cyanide.

The hydrocyanic acid solutions are drawn off the -- leaching vats by the ordinary filtration methods the - solutions are then made alkaline by the addition of lime or some other alkali in sufficient proportions to neutralise the acid present. By this method a considerable - proportion of the combined cyanide present is liberated as free cyanide and after passing through the precipitation boxes is then in a condition to again combine with the acid within the ore and the said acids act to dissolve the gold or silver.

The method of working the process will now be described aided by a reference to the attached sheet of -- drawing in which:-

Fig. 1 shows a diagrammatic plan of a suitable treatment plant.

In working this process the material requiring treatment consisting either of crude ore, tailings (or possibly

slimes

slimes) crushed to a degree of fineness suitable for successful leaching is passed into an open, or if desired a closed vat A to provide as far as possible a good leaching product. An ordinary alkali may be added if necessary to the ore in certain proportions to sufficiently neutralise the excess of acidity of the solution, but some ores which have been treated do not require this addition. A continuous and steady flow of neutral or alkaline water is supplied from the vat B to the crushed ore in the vats A until the latter is sufficiently washed to comply with the conditions of the "Combination Test" hereinbefore described. Should the acid in the ore be insufficient in quantity to combine with the cyanide to form hydrocyanic acid to dissolve the gold then the requisite proportion of a suitable acid, preferably sulphuric acid is added from vat C to form hydrocyanic acid. The flow of water from vat B is then discontinued and a weak solution of cyanide (varying in strength from .01 to .3%) is added from vat D to the liquor in vat A which is allowed to settle until all the air bubbles are displaced or driven out. The liquor from vat A is then drawn off and run direct to the alkaline cover sump E wherein by the addition of an alkali the hydrocyanic acid is neutralised and portion of the cyanide regenerated. The solution is then drawn off to a cyanide sump F where it is made up to the strength requisite for precipitation purposes, said solution is then allowed to flow through the precipitation boxes G wherein the gold and silver is precipitated on zinc shavings or some other precipitating agent. This solution after leaving the boxes G flows to the storage sump H and mixing with the original solution therein is pumped to the mixing vat D and if desirable made up or

revivified

revivified to the requisite strength with cyanide and re-applied to the ore, the operation being cyclical.

I wish it to be understood that from the first application of the cyanide solution to the ore, to the final water washing the ore must not be exposed to the atmosphere, that is to say during that period the ore must be covered by the solution. The quantity of solution required to dissolve the extractable gold and silver will vary according to the nature of the ore under treatment. while the gold and silver in the boxes is removed by the ordinary methods.

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is.-

1. In a process for treating ore of the class — specified bringing the ore under treatment in the presence of hydrocyanic acid in the manner and for the purpose set forth.

2. In a process for treating ore of the class -- specified treating the ore in a solution containing - - hydrocyanic acid formed during the working of the process in the manner and for the purpose described.

3 In a process for the recovery of gold and silver from ores of the class specified, submitting such pulverised ores to the selective action of an Hydrocyanic acid - solution without allowing the gold or silver bearing ore to be exposed to the atmosphere.

4. The improved process for treating gold and - - silver bearing ores of the class specified consisting in water washing the ores then treating it with a cyanide - solution to combine with acid naturally in or added to — the ore to form hydrocyanic acid (which dissolves the - gold and silver) and then drawing off the solution to -

an alkaline sump where a portion of the cyanide is regenerated as and for the purpose set forth.

5. The improved process for treating gold and silver bearing ores of the class specified consisting in water washing the ores then treating it with a cyanide solution to combine with acid naturally in or added to the ore to form hydrocyanic acid (which dissolves the gold and silver), then drawing off the solution to an alkaline sump where a portion of the cyanide is regenerated, then passing the solution to another sump where it is revivified to the required strength and then passing it through the precipitation boxes to a storage sump from which it may be pumped back to the cyanide solution vat for further use substantially as set forth.

Dated this tenth day of April, 1912.

James Gitsham

The applicant therefore applies for leave to file a specification of the invention pursuant to Part I of the Mysore Inventions and Designs Regulation 1894.

sd) James Gitsham

I, the applicant abovenamed, do declare the the facts stated in this application are true to my knowledge, except as to matters stated on information and belief, and as to those matters I believe them to be true.

sd) James Gitsham

GA

COUPON. The remitter may write here any communication to the payee.

Rs. 10 As. —

a/c Patent Appl. J. Gibbons

In D. Penney & Gibbons Calcutta

D15

Remitter.

To Br V for note

My

10/5/12

Inward Correspondence Office

27.5.12

20 B 6 V

2865

12

G.R.S. 29A]

19

From

Secy. to the Govt. of His Highness
The Maharaja of Mysore,
Genl. and Rev. Dept.

To

The Deputy Commissioner,
Treasury Deptt,

Dated Bangalore 22-

Despatched 25. 5. 12.,

Received

General No. G. 6299.

G. M. No. 296 11-2

Enclosure No. Rs 10/-

Has the hona to forward herewith a sum of Rs 10/- being the application fee received under cl 1 of Schedule IV of the Mysore Inventions and Designs Regulation x.1 of 1894, from messrs De Penning & De Penning, Calcutta, to leave to file a specification of an invention for "improved process of the recovery of gold and silver from antimonial, arsenical and other gold bearing ores" by Mr James Gitsham, of Australia, metallurgist and to request the favor of an acknowledgment for the receipt of the amount.

By order,

GPB—20,000—24-10-10.

17.5.12
for Off. Secretary
VS. 41

G.R.S. 29A] 2885 13

19

From

Secy. to the Govt. of His Highness
The Maharaja of Mysore,
Genl. and Rev. Dept.

To
The State Geologist in Mysore.

Dated

Despatched 25-5-12

Received

General No. G. 6800

G. M No. 296-11-3

Enclosure No. one

Has the hona to forward herewith for information a copy of a Report under sec 6 (2) of the Mysore Inventions and Designs Regulation no XI of 1894 on an application for leave to file a specification of an invention for "Improved process for the recovery of gold and silver from antimonial, arsenical and other gold bearing ores" by Mr James Gibsham of No. 57, Wilson Street, Moonee Ponds, Australia.

By Order,

17.5.12

For the Secretary

VS. 41

GPB—20,000—24-10-10.

2885

MAIN No. 5.11.5

1911 – 12
gen: mis
294 of 1911-12
SEC. 4

203

Book No. 1015

Rs. 10-0-0 No. 8

Treasury dated 27-5-1912

Received from The Offg: Secy to Govt. of Mysore

Rupees ten only.

Annas nil and Pies nil being on account of application

for under cl. 1 of Schedule IV of the Mysore Inventions &

Designs Regulations XI of 1894.

In charge of Treasury.

Noted and returned to Secy

27/5/12

GA

15

M. G. D. 13]

MYSORE GEOLOGICAL DEPARTMENT

Dated Bangalore 19th June *191*2.

No. 2416
Encl. 1

DIARY No. 5515

1911-1912
SECTION Gen: Mis
FILE No. 294 of 1911-12
SERIAL No. 5

From

DR. W. F. SMEETH, M.A., D.SC., etc.,

State Geologist in Mysore.

To

K.R. Srinivasa Iyengar, Esquire, M.A.,
Offg.Secretary to the Government of His Highness
the Maharaja of Mysore, Gen.& Rev. Depts.

SIR,

With reference to your docket No.G.6300/G.M.294-11-3, dated 25th May 1912, forwarding for report a specification of an invention for "Improved process for the recovery of gold and silver from Antimonial, Arsenical and other gold bearing ores", I have the honour to state that in my opinion the invention is novel and is clearly described and that the application may be granted.

2. The papers received with your letter are herewith returned.

I have the honour to be,
Sir,
Your most obedient servant,

W. F. Smeeth

State Geologist in Mysore.

C.N.

GPB—100—25-4-12

7.2.10 19 16

To

The Dewan of Mysore

The application of James Gitsham of No 57 Wilson Street, Moonee Ponds, in the State of Victoria, Commonwealth of Australia, Metallurgist for leave to file a specification under Part I of the Mysore Inventions and Designs Regulation 1894.

The applicant has acquired an exclusive privilege in British India No 351 dated and sealed as of the 23rd day of June and actually sealed on the 22nd August 1911, for Improved process for the recovery of gold and silver from antimonial, arsenical, and other gold bearing ores "

To the best of the information and belief of the applicant the invention is new within the meaning of Part I of the Mysore Inventions and Designs Regulation 1894, and no circumstance exists which if the applicant is authorized to file a Specification and files it in accordance with that Part will disentitle him to an exclusive privilege thereunder in respect of the invention,

The following is a description of the Invention :—

[illegible] & DePenning
Patent Agents
[illegible]

Acknowledgments

The authors thank [illegible] for [illegible]
[illegible] and [illegible] for [illegible]
[illegible] for [illegible] and [illegible] for [illegible]
[illegible] for [illegible] and [illegible] for [illegible]
[illegible] for [

T H I S invention consists of a process for recovering gold and silver from certain finely pulverised refractory gold and silver bearing ores containing say sulphides of copper, antimonial ores, sulphur or arsenic or a combination of such minerals or substances. The invention comprises the utilization of the selective action of hydrocyanic acid in dissolving the gold and silver contents of the pulverised ore under treatment, and further the process permits of the regeneration of cyanide from the solution employed.

The hydrocyanic acid above mentioned is the dissolving or selective agent and it is formed by a weak solution of cyanide combining with the acid contained in the ore. This combination has never before been commercially employed as the agent for dissolving gold and silver from the hereinbefore mentioned classes of ore. The said hydrocyanic acid combination is formed during the working of the process and hence it can successfully and economically treat complex or refractory ores of the class herein specified or other classes of ore which if treated by the cyanide or other gold and silver dissolving methods would be too costly to be commercially practicable.

The essential or active properties of this process are found in what is termed the "Combination Test which is as follows:- A water wash is put on the ore and allowed to percolate through it to remove the excess of acidity. This is repeatedly tested by the standard cyanide solution and the amount of acids in this solution is estimated by a standard solution of silver nitrate using a Potassium Iodide indicator.

When the consumption is regular or in other words when the water wash shows no increase of acidity the ore

is

is ready for treatment, the remaining acid in the ore combines with the cyanide and thus forms hydrocyanic - acid. This is the combination point and should show a very slight acid reaction.

When the ore is in a neutral or alkaline state a preliminary acid wash may be necessary to remove any - soluble alkaline substances and when the ore being treated does not contain the necessary ingredients to produce -- hydrocyanic acid then sulphuric acid is added in the proportion of 100 parts of sulphuric acid to 131 parts of - cyanide of potassium. These proportions will be varied to suit the class of ore being treated as it is necessary to maintain the acid proportions slightly in excess of - the cyanide.

The hydrocyanic acid solutions are drawn off the -- leaching vats by the ordinary filtration methods the - solutions are then made alkaline by the addition of lime or some other alkali in sufficient proportions to neutralise the acid present. By this method a considerable - proportion of the combined cyanide present is liberated as free cyanide and after passing through the precipitation boxes is then in a condition to again combine with the acid within the ore and the said acids act to dissolve the gold or silver:

The method of working the process will now be described aided by a reference to the attached sheet of - - drawing in which:-

Fig. 1 shows a diagrammatic plan of a suitable treatment plant.

In working this process the material requiring treatment consisting either of crude ore, tailings (or possibly

slimes

slimes) crushed to a degree of fineness suitable for -- successful leaching is passed into an open, or if desired a closed vat A to provide as far as possible a good - -- leaching product. An ordinary alkali may be added if necessary to the ore in certain proportions to sufficiently neutralise the excess of acidity of the solution, but some ores which have been treated do not require this - -. addition. A continuous and steady flow of neutral or - alkaline water is supplied from the vat B to the crushed ore in the vats A until the latter is sufficiently washed to comply with the conditions of the "Combination Test" hereinbefore described. Should the acid in the ore be insufficient in quantity to combine with the cyanide to form hydrocyanic acid to dissolve the gold then the requisite proportion of a suitable acid, preferably sulphuric acid is added from vat C to form hydrocyanic acid. The - flow of water from vat B is then discontinued and a weak solution of cyanide (varying in strength from .01 to .3%) is added from vat D to the liquor in vat A which is allowed to settle until all the air bubbles are displaced or - driven out. The liquor from vat A is then drawn off and run direct to the alkaline cover sump E wherein by the -- addition of an alkali the hydrocyanic acid is neutralised and portion of the cyanide regenerated. The solution is then drawn off to a cyanide sump F where it is made up to the strength requisite for precipitation purposes, said - solution is then allowed to flow through the precipitation boxes G wherein the gold and silver is precipatated on -- zinc shavings or some other precipitating agent. This - solution after leaving the boxes G flows to the storage - sump H and mixing with the original solution therein is - pumped to the mixing vat D and if desirable made up or -

revivified

revivified to the requisite strength with cyanide and re-applied to the ore, the operation being cyclical.

I wish it to be understood that from the first application of the cyanide solution to the ore, to the final water washing the ore must not be exposed to the atmosphere, that is to say during that period the ore must be covered by the solution. The quantity of solution required to dissolve the extractable gold and silver will vary according to the nature of the ore under treatment, while the gold and silver in the boxes is removed by the ordinary methods.

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is.-

1. In a process for treating ore of the class -- specified bringing the ore under treatment in the presence of hydrocyanic acid in the manner and for the purpose set forth.

2. In a process for treating ore of the class -- specified treating the ore in a solution containing - - hydrocyanic acid formed during the working of the process in the manner and for the purpose described.

3. In a process for the recovery of gold and silver from ores of the class specified, submitting such pulverised ores to the selective action of an Hydrocyanic acid - solution without allowing the gold or silver bearing ore to be exposed to the atmosphere.

4. The improved process for treating gold and - - silver bearing ores of the class specified consisting in water washing the ores then treating it with a cyanide - solution to combine with acid naturally in or added to -- the ore to form hydrocyanic acid (which dissolves the - gold and silver) and then drawing off the solution to -

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an alkaline sump where a portion of the cyanide is regenerated as and for the purpose set forth.

5. The improved process for treating gold and silver bearing ores of the class specified consisting in water washing the ores then treating it with a cyanide solution to combine with acid naturally in or added to the ore to form hydrocyanic acid (which dissolves the gold and silver), then drawing off the solution to an alkaline sump where a portion of the cyanide is regenerated, then passing the solution to another sump where it is revivified to the required strength and then passing it through the precipitation boxes to a storage sump from which it may be pumped back to the cyanide solution vat for further use substantially as set forth.

The applicant therefore applies for leave to file a specification of the invention pursuant to Part I of the Mysore Inventions and Designs Regulation 1894

James Gitsham

I, the applicant abovemamed, do declare that the facts stated in this application are true to my knowledge, except as to matters stated on information and belief, and as to those matters I believe them to be true.

Dated this 10th day of April, 1912.

James Gitsham

1 Sheet

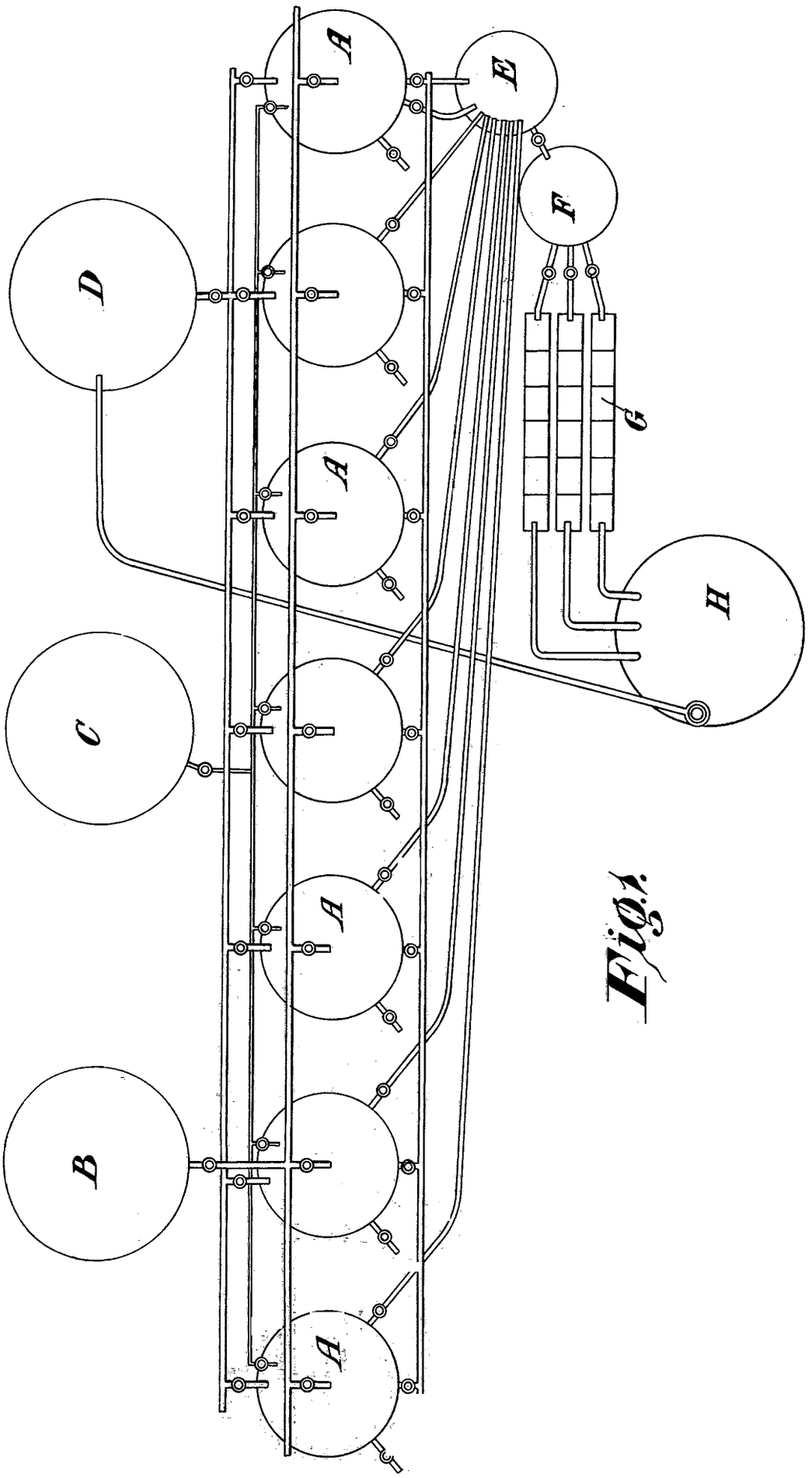

Fig. 1.

2285

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GOVERNMENT OF MYSORE

General Department.

No. G. 6837

G. M-294-11-6

Register No. 10 of 1901-12

Bangalore, the 27 June 1902

WHEREAS an application, dated the 10th April 1912 and received on the 10th May 1912, has been submitted under Section 5 of the Mysore Inventions and Designs Regulation, 1894, by Mr. James Gitsham of No. 57, Wilson Street, Moonee Ponds, in the State of Victoria, Commonwealth of Australia Metallurgist,

(hereinafter referred to as "the applicant") for leave to file a specification of an invention for "Improved process for the recovery of gold and silver from antimonial, arsenical and other gold bearing ores"

And whereas the applicant has duly complied with all the requirements of Section 5 of the said Regulation;

The Government of Mysore are pleased, under Section 6 of the said Regulation, to authorize the applicant to file a specification of the said invention in accordance with the provisions of the said Regulation.

ORDERED, that the applicant be, and he is hereby, informed accordingly.

By Order of the Government of Mysore,

Draft) 24.6.12

For the *Secretary to the Govt. of Mysore,*
Gen. and Rev. Depts.

US.

Certified that the fees prescribed in the fourth schedule to the Mysore Inventions and Designs Regulation, 1894, in respect of the application for leave to file the said specification and of the filing thereof have been paid by the applicant, and that the specification hereinbefore described has been duly filed in accordance with the provisions of Section 8 of the said Regulation on this the Thirtieth day of July 1902.

Draft) 30/7/12

For the *Secretary to the Govt. of Mysore,*
Gen. and Rev. Depts.

US. 41

(*Section* 8 *of the Inventions and Designs Regulation*, 1894.)

8. (1) If within six months from the date of an order under Section 6, Sub-Section (1), or within such further time, not exceeding three months, as the Government of Mysore, in its discretion, may, on cause shown to its satisfaction and on payment of the fee prescribed in that behalf in the fourth schedule, see fit to allow, the applicant causes a specification of his invention to be filed in manner by this Part required, and the fee prescribed in the fourth schedule in respect of the filing of the specification to be paid, the applicant shall, subject to the other provisions of this Part, be entitled to the exclusive privilege of making, selling and using the invention in the Territories of Mysore, and of authorizing others so to do, for a term of fourteen years from the date of the filing of the specification.

(2) But an exclusive privilege in respect of an invention of a new manufacture shall, notwithstanding anything in Sub-Section (1), cease, if the inventor fails to pay, within the time limited in that behalf by the fourth schedule, any fee prescribed in that schedule in respect of the continuance of the privilege.

(3) If, nevertheless, in any case, by accident, mistake, or inadvertence, an inventor fails to pay any such fee within the time so limited, he may apply to the Government of Mysore for an enlargement of the time for making the payment.

(4) Thereupon the Government of Mysore may enlarge the time accordingly, on payment of the fee prescribed in that behalf in the fourth schedule, and subject to the following conditions, namely:—

(*a*) the time for making a payment shall not in any case be enlarged for more than three months; and

(*b*) if any suit is instituted in respect of an infringement of the exclusive privilege committed after a failure to make a payment within the time limited for the making thereof and before the enlargement of that time, the Court disposing of the suit may, if it thinks fit, refuse to award or give any damages in respect of the infringement.

GPB—150—30-7-06

2 2

G.R.S. 26]

gen File No. 294-11

Serial No, 7

2576

Diary No. of letter replied to 5575

No. G. 6838
E-1

General and Revenue Secretariat
( )
, *the* 19

To

Messrs De Penning & De Penning,
5, Commercial Buildings,
Calcutta.

Date of issue 27-6-1912

Signed by D'B Ramachandra

Gentlemen,

With reference to your letter No. 123 dated the 6th May 1912, I am directed to forward herewith Govt Order No. G. 6837 dated 27 June 1912 authorising the filing of ~~the~~ a specification of an invention for "Improved process for the recovery of gold and silver from antimonial, arsenical and other gold bearing

gen 294-11-6

over.

SUBJECT

ores[4] by Mr James Gutsham of No 57,
Wilson Street, Moonee Ponds, State of Victoria.
Australia.

I have &c,

24/6/12

For the Secretary

V.S. 41

List of enclosures,

Copied by [illegible] 20-6-12.

Examined by

GPB—10,000—28-2-11.

5, Commercial Buildings
Clive Street
Calcutta

No 202

DIARY No. 541. 22nd July 1912.

1912-1913
SECTION Gen: Mis
FILE No. 294 of 1911-12
SERIAL No. 8

To

The Secretary to the Government of Mysore
Gen and Rev: Departments
Bangalore

Sir,

We have the honour to forward (under separate cover registered) under Order dated 27th June 1912, Patent Register No 10 of 1911-12. the Specification of James Gittsham of No 57 Wilson Street, Moonee Ponds, in the State of Victoria, Commonwealth of Australia, Metallurgist. of an invention for "Improved process for the recovery of gold and silver from antimonial, arsenical and other gold bearing ores"

We also forward the fee thereon of Rupees thirty* and shall feel obliged by the certificate being sent to us in due course.

The Order on this case is herewith enclosed.

We have the honour to be
Sir
Your most obedient servants
D & Penning & D & Penning

* Rs 30 sent by Postal Money Order

GA

UPON: Letter may write here any communication to the payee

Rs. 80 As. —

Remitter.

26.7.12 On Account of Letters Nos 202 & 203.

To Bo V

26-7-12

Rs 30/- sent to Zy with Dr: G. 66

MYSORE GOVT. GEN. & REV. SECRETARIAT,

No. G.660/G.M.294-11-09 *Dated Bangalore,* 3rd August 1902.

NOTIFICATION.

(PATENT.)

The following specification of an invention has been filed in accordance with Sections 8, 9, 10 and 11 of Regulation XI of 1894 (The Inventions and Designs Regulations) and is open to inspection at the Mysore Government Secretariat on application to the Secretary to the Government of His Highness the Maharaja of Mysore, General and Revenue Departments, and on payment of a fee of one Rupee.

By Mr. James Gitsham of No. 57, Wilson Street, Moonee Ponds, in the State of Victoria, Commonwealth of Australia, Metallurgist.

"Improved Process for the recovery of gold and silver from antimonial arsenical and other gold bearing ores"

By Order,

for Secretary.

To

The Compiler, *Mysore Gazette*, for publication

28

Encl.

No. 9.661/Gen 294-11-10

MYSORE GOVT. GEN. & REV. SECRETARIAT,

Dated Bangalore, 3rd August 1912.

341/347

From

The Secretary to the Government of H. H. the Maharaja of Mysore,
General and Revenue Departments.

To

Messrs De Penning & De Penning
5, Commercial Buildings,
Clive Street Calcutta

Sir,

With reference to your letter No. 202 dated 22nd July 1912, I am directed to forward copy of a Notification No. 9.661 /Gen 294-11-10 dated 3-8-1912 issued by this Government in regard to the invention filed by you under Regulation XI of 1894 (The Inventions and Designs Regulations.) ~~and the request~~ for info to the party concerned

The order granting permission to file specification is herewith returned, with the certificate at foot, duly filled in and signed.

I have the honor to be,
Sir,
Your most obedient servant,

3077/12

for the Secretary.

VS. 41

Immediate upon
III
7-8-12

16-7-12

X

G.R.S. 29A]

4 21

29

19 .

From

Secy. to the Govt. of His Highness
The Maharaja of Mysore,
Genl. and Rev. Dept.

To

The Deputy Commissioner,
Treasury Dept to
Bangalore

Dated

Despatched 3-8-12

Received

General No. G.662

No. G.M. 294-11-11

Enclosure No. Rs 30.

Has the honor to forward herewith Rs 30/- being the prescribed fee received from Messrs De Penning and De Penning, Calcutta, for filing a specification of an inventeni for "Improved Process for the recovery of gold and silver from antimonial arsenical and other gold bearing ores" by Mr. James Gitsham of No. 57, Wilson Street, Moonee Ponds, Victoria, Australia, and requests the favor of an acknowledgment for the receipt of the amount.

By order,

Copd
Rsu 1/8/12

GPB—20,000—24-10-10.

30/7/12
for Ag Secretary

VS. 41

Lx[PO]

G.R.S. 29A]

19

From

Secy. to the Govt. of His Highness
The Maharaja of Mysore,
Genl. and Rev. Dept.

To
(1) The State Geologist.
(2) " Supdt, Govt Museum.
(3) " Chief Engineer

Dated

Despatched 3-8-12

Received

General No. G. 663-5/G.M.294-11-12
No.

Enclosure No. 1. each

Has the honor to forward herewith for record in his office a copy of the specification of an invention for "Improved Process for the recovery of gold and silver from antimonial, arsenical and other gold bearing ores" by Mr. James Eptsham of No 57, Wilson Street, Moonee Ponds, Victoria, Australia, and to request the favor of an acknowledgment.

By Order,

30-7-12

For the Secretary

G.P.B.—20,000—24-10-10.

VS-41

DIARY No. 765

1912-13.

SECTION fen: mis

FILE No. 294 of 1911-12

SERIAL No. 13

31

No: 37

Rs 30-0-0 Book No. 1015 No 75

Bangalore District Treasury dated 7-8-1912

Received from The Offg: Secretary to the Govt: of Mysore Genls Rev: Depts Bangalore

Rupees thirty only

Annas nil and Pies nil being on account of fee

credited to XIX mis with reference to his No: S. 662/S.m

294-11-11 dated 3-8-1912

[signature]

In charge of Treasury.
Bangalore

Noted and returned to Sec V

7-8-12

32

M.G.D. 13]

MYSORE GEOLOGICAL DEPARTMENT,

DATED BANGALORE,...8th.....August....191 2.

No. 357

DIARY No. 804

1912-1913
SECTION for : mis
FILE No. 294 of 1911-12
SERIAL No. 14

From

DR. W. F. SMEETH, M.A., D.SC., A.R.S.M., etc.,
State Geologist in Mysore.

To

K.R. Srinivasaiengar, Esquire, M.A.,
Offg.Secretary to the Government of His Highness
the Maharaja of Mysore, Gen.& Rev.Depts.

Sir,

I have the honour to acknowledge the receipt of your letter No.G.663-5/G.M.294-11-12, dated 3rd Aug. 1912 and the copy, forwarded therewith, of the specification relating to an invention for "Improved Process for the recovery of gold and silver from antimonial, arsenical and other gold bearing ores" by Mr.James Gitsham of No.57, Wilson Street, Moonee Ponds, Victoria, Australia.

I have the honour to be,

Sir,

Your most obedient servant,

Registrar

C.N.

for State Geologist in Mysore.

GPB.—400—21-6-10

No. 42

Office of The Economic Botanist
Supt. Govt. Museum
Bangalore. Dated 6th August 12

33

From

G. H. Krumbiegel Esqr. F. R. H. S.
Economic Botanist
Supt. Govt. Museum.

To.

K. R. Srinivasiengar Esqr. M.A.,
Offg. Secretary to the Govt of H.H.
the Maharaja of Mysore
Gen. and Rev. Depts.

DIARY No. 805
1912-1913
SECTION Gen : Mis
FILE No. 294 of 1911-12
SERIAL No. 15

I have the honor to acknowledge the receipt of a copy of the Specification of an invention for "Improved Process for the recovery of Gold and Silver from antimonial, arsenical and other gold bearing ores. by Mr. James Gilbertson Victoria, Australia. forwarded with your letter No. G. 663-5/Gen. 294/P. 11. 12, dated the 3rd instant.

I have the honor to be,
Sir,
Your most Obedient Servant

G. H. Krumbiegel
Economic Botanist
Supt. Govt. Museum

Ex V 9/8 W

1902–13

From G. A. Kunnbiegel Esq. F.R.H.S.,
Economic Botanist,
Supt. Govt. Museum

To K. R. Seeniva[illegible]engar Esq. M.A.,
Offg. Secretary to the Govt of
H.H. the Maharaja of Mysore
Gen. & Rev. Depts

Dated 6th August 1912

Despatched 7th " 1912

Received

General No. 42
No.

Enclosure No.

Acknowledging the receipt of a Copy the Specification of an invention for "Improved Process for the recovery of gold and Silver from antimonial and arsenical and other gold bearing ores" by Mr. J. Gibsham Australia.

No. 6873 DIARY No. 993

MYSORE P. W. DEPARTMENT,

CENTRAL OFFICE,

Bangalore, 16th August 1912.

10/2-1913
PETITION Gen: Mis
FILE No. 294 of 1911-12
SERIAL No. 16

From

M. VISVESVARAYA, ESQ., M. I. C. E., C.I.E.,
Chief Engineer of Mysore,
Bangalore.

To

K.R.Srinivasaiengar, Esq., M.A.,
Offg. Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments.

SIR,

I have the honour to acknowledge, with thanks, the receipt of a copy of the specification of an invention for "Improved Process for the recovery of gold and silver from - - - antimonial, arsenical and other gold bearing ores", by Mr.James Gitsham of Victoria, Australia, forwarded with your No. G.663-5/G.M.294-11-2 of the 3rd instant.

I have the honour to be,
Sir,
Your most obedient servant,

Deputy Chief Engineer,
Mysore P.W.Department.

G/A
V 1918 8/8

1912.

MYSORE P. W. DEPARTMENT.

No. 6873

From

THE CHIEF ENGINEER OF MYSORE,

Bangalore.

To The Secretary to Government
General & Revenue
Departments.

Dated Bangalore, 16th August 1912

Despatched 17th August 1912

Enclosure No. nil.

SUBJECT.

Acknowledging the receipt of a copy of a specification of an invention for an improved process of recovering Gold from Antimonial, Arsenical & other Gold ores

GPB—1,500—4-3-12